

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

mailed 12/14/03

Complete if Known

Application No.	10/666,909
Filing Date	September 17, 2003
First Named Inventor	Brenda F. Baker et al.
Art Unit	Not Yet Known 1635
Examiner Name	Not Yet Known
Attorney Docket Number	23546-07993

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-5,985,554	11/16/1999	Tanimura et al.
	A2	US2002/0106799 A1	08/08/2002	Finer et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
83	B1	WO 99/12567	03/19/1999	UAB Research Foundation	

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
83	C1	Blair, H.C., 'Parathyroid Hormone-Regulated Production of Stem Cell Factor in Human Osteoblasts and Osteoblast-like Cells,' <i>Biochemical and Biophysical Research Communications</i> , 255, 1999, 778-784.	
	C2	Bowman, N. N. et al., 'Gap Junctional Intercellular Contributions to the Contraction of Rat Osteoblast Populated Collagen Lattices,' <i>Journal of Bone and Mineral Research</i> , Vol. 13, No. 11, 1998, 1700-1706.	
	C3	Du, P. et al., 'Regulation of PTH/PTH-Related Protein Receptor Expression by Endogenous PTH-Related Protein in the Rat Osteosarcoma Cell Line ROS 17/2.8,' <i>Endocrine</i> , Vol. 12, No. 1, February 2000, 25-33.	
	C4	Du, P. et al., 'Endogenous Parathyroid Hormone-Related Peptide Enhances Proliferation and Inhibits Differentiation in the Osteoblast-Like Cell Line ROS 17/2.8,' <i>Bone</i> , Vol. 26, No. 5, May 2000, 429-436.	
	C5	Enomoto, H. et al., 'Autocrine/Paracrine Function of Parathyroid Hormone-Related Peptide in Rat Osteoblast-Like Cells,' <i>Biochemical and Biophysical Research Communications</i> , Vol. 191, No. 3, March 31, 1993, 1261-1269.	

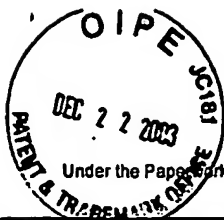
Examiner Signature	Date Considered
83	4/26/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

23546/07993/DOCS/1379259.1



Substitute for form 1449A/PTO

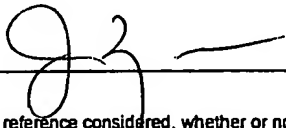
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/666,909
Filing Date	September 17, 2003
First Named Inventor	Brenda F. Baker et al.
Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket Number	23546-07993

Sheet 2 of 3

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
J3	C6	Gotoh, M. et al., 'Enhancement of osteogenesis in vitro by a novel osteoblast differentiation-promoting compound, TAK-778, partly through the expression of Msx2,' <i>European Journal of Pharmacology</i> , 451, 2002, 19-25.	
	C7	Huang, B. K. et al., 'Insulin-Like Growth Factor I Production Is Essential for Anabolic Effects of Thyroid Hormone in Osteoblasts*,' <i>Journal of Bone and Mineral Research</i> , Vol. 15, No. 2, 2000, 188-197.	
	C8	Ishibashi, H. et al., 'Involvement of type VI collagen in interleukin-4-induced mineralization by human osteoblast-like cells in vitro,' <i>Biochimica et Biophysica Acta</i> , 1472, 1999, 153-164.	
	C9	Jones, P. S. et al., 'Activation of Transcription by Estrogen Receptor α and β Is Cell Type- and Promotor-dependent*,' <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 45, November 5, 1999, 32008-32014.	
	C10	Kong, Y.-Y. and Penninger, J. M., 'Molecular control of bone remodeling and osteoporosis,' <i>Experimental Gerontology</i> , 35, © 2000, 947-956.	
	C11	Kruger, S. et al., 'Inhibitory Effects of Antisense Cathepsin B cDNA Transfection on Invasion and Motility in a Human Osteosarcoma Cell Line ¹ ,' <i>Cancer Research</i> , 59, December 1, 1999, 6010-6014.	
	C12	Kukita, A. et al., 'Osteoclast-Derived Zinc Finger (OCZF) Protein With POZ Domain, a Possible Transcriptional Repressor, Is Involved in Osteoclastogenesis,' <i>Blood</i> , Vol. 94, No. 6, September 15, 1999, 1987-1997.	
	C13	McCarthy, T. L. et al., 'Runt Domain Factor (Runx)-dependent Effects on CCAAT/Enhancer-binding Protein δ Expression and Activity in Osteoblasts*,' <i>The Journal of Biological Chemistry</i> , Vol. 275, No. 28, July 14, 2000, 21746-21753.	
	C14	Olie, R. A. et al., 'A Novel Antisense Oligonucleotide Targeting Survivin Expression Induces Apoptosis and Sensitizes Lung Cancer Cells to Chemotherapy ¹ ,' <i>Cancer Research</i> , 60, June 1, 2000, 2805-2809.	
	C15	Riikonen, T. et al., 'Transforming Growth Factor- β Regulates Collagen Gel Contraction by Increasing $\alpha 2 \beta 1$ Integrin Expression in Osteogenic Cells*,' <i>The</i>	

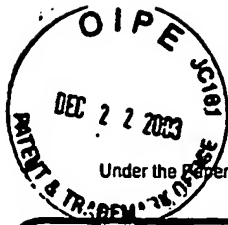
Examiner Signature		Date Considered	4/26/06
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

23546/07993/DOCS/1379259.1



INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Substitute for form 1449A/PTO	
		Complete if Known	
		Applicant No.	10/666,909
		Filing Date	September 17, 2003
		First Named Inventor	Brenda F. Baker et al.
		Art Unit	Not Yet Known
Examiner Name	Not Yet Known		
Sheet	3	of	3
		Attorney Docket Number	23546-07993

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		<i>Journal of Biological Chemistry</i> , Vol. 270, No. 1, January 6, 1995, 376-382.	
g3	C16	Takeshita, A. et al., '1 α ,25-Dehydroxyvitamin D ₃ Synergism toward Transforming Growth Factor- β 1-induced AP1 Transcriptional Activity in Mouse Osteoblastic Cells via Its Nuclear Receptor*,' <i>The Journal of Biological Chemistry</i> , Vol. 273, No. 24, June 12, 1998, 14738-14744.	
↓	C17	Vander Molen, M. A. et al., 'Gap Junctional Intercellular Communication Contributes to Hormonal Responsiveness in Osteoblastic Networks*,' <i>The Journal of Biological Chemistry</i> , Vol. 271, No. 21, May 24, 1996, 12165-12171.	
↓	C18	You, J. et al., 'P2Y Purinoceptors Are Responsible for Oscillatory Fluid Flow-induced Intracellular Calcium Mobilization in Osteoblastic Cells*,' <i>The Journal of Biological Chemistry</i> , Vol. 277, No. 50, December 13, 2002, 48724-48729.	

Examiner Signature		Date Considered	4/26/06
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.